

David Arthur Shirley

David Arthur Shirley was born March 30, 1934, in North Conway, N.H. He graduated from the University of Maine, B. S. (chemistry) in 1955, and from University of California, Berkeley, Ph.D. (chemistry) in 1959. Married in 1956 to Virginia Schultz (1933-1995): they had five children, all scientists. Married in 1995 to Barbara Cerny. DAS was a postdoctoral fellow at Lawrence Berkeley National Laboratory from 1958, and a staff member at LBNL from 1960, concurrently holding faculty appointments from 1959 in the Chemistry Department, University of California, where he became Professor in 1967 and Chair in 1971. Moved to Associate Director of LBNL in 1975, and Director 1980-1989. Served as Ph.D. research director for about 85 graduate students. Became Senior Vice President and Dean of the Graduate School, Pennsylvania State University, where he was also Professor of Chemistry and Physics, 1992-1996. Now Director Emeritus, LBNL, and Professor Emeritus, UC Berkeley. Did research in nuclear physics (hyperfine interactions, nuclear orientation, Moessbauer spectroscopy, etc.) and chemical physics (electron spectroscopy, synchrotron radiation, surface and atomic structure). Member National Academy of Sciences, American Academy of Sciences, Fellow, American Physical Society, Honorary Sc.D. University of Maine, (honorary) Dr. ret. nat. (h.c.) Free University, Berlin. Served on several committees for the U.S. government, UNESCO, and the National Academy of Sciences. As a science manager, specialized in long-range planning and restructuring of research institutions, culminating in leading the effort to build the Advanced Light Source, a new-generation synchrotron-radiation facility, at LBNL. Currently Chair, Fermilab Board of Overseers, and member, University Research Association Board of Trustees.